

Fisher Barton Group- Thermal Spray Technologies

MAJORS: Industrial Engineering, Materials Science, Mechanical Engineering

TITLE: Product Engineer

JOB DESCRIPTION:

Manage the product transition from Research and Development through production and ensure continuing production support is met. Coordinate between research and development, management, production, technical sales, and the customer to meet the customer's requirements.

Job Duties:

- Responsible for "ECO" (Engineer Change Orders)
- Act as a liaison between internal/external customers and products
- Ensure deviations from parameter sheets are met
- Product/process flow troubleshooting
- Requesting resources to address production problems
- Championing lean manufacturing techniques
- Follow-up, lead, and delegate tasks/duties
- Document project details in accordance to ISO standards
- Involvement with "PPAP" • (Production Part Approval Process)

Minimum Qualifications:

- Engineering degree in related field (materials, mechanical, industrial technology)
- Proficient in computers and specific software; MS Project, CAD, Visio
- Excellent communication skills both written and oral

Desired Skills:

- 5 years' experience in project management or thermal spray environment
- Ability to interact with senior management, supervisors, operators, technicians, and quality control
- Statistical experience
- Ability to troubleshoot at various levels

TITLE: Research Engineer

JOB DESCRIPTION:

The position reports to the Director of Technology with input from project managers. The principal responsibilities for this position are:

1. Conduct and/or participate in assigned research products with minimum Supervision and within time and budget constraints.
2. Maintain formal and informal communications and relationships with customers including responsibility for reports and presentations.
3. Achieve high technical quality in assigned research projects.
4. Carry out project development assignments and develop leads.
5. Prepare, present, and follow up on research proposals.
6. Plan and carry out appropriate self-development activities.
7. Train less experienced personnel in the various aspects of research, as assigned.

The ideal candidate should have the following qualifications:

1. Bachelor's degree in Materials Engineering or equivalent experience
2. Strong project management skills
3. Excellent communication skill
4. Good computer skills
5. Strong troubleshooting skills
6. Ability to keep detailed records

Fisher Barton Group/Specialty Products

MAJORS: Industrial Engineering, Materials Science, Mechanical Engineering

JOB TITLE: Manufacturing Engineer

Reports To: Engineering Manager

FLSA Status: Exempt

Position Summary:

The Manufacturing Engineer is responsible for developing and improving manufacturing and other in-house processes with respect to quality, productivity, and work flow layout with the objective of reducing costs and maximizing customer satisfaction.

Essential Duties and Responsibilities include the following. Other duties may be assigned. Leads process development and automation projects in metal stamping, tooling, machining, and heat-treating. Analyzes and plans workforce utilization, space requirements, workflow, and layout of equipment and workspace for maximum efficiency. Responsible for the implementation and maintenance of standard work methods and routings. Supports (and drives sub projects) for new product introductions. This includes overseeing design and build of tooling as well as analyzing statistical process capability before PPAP submissions. Supports shop floor in improvements related to safety, quality, 5S, ergonomics, and production methods. Supports implementation of lean manufacturing principles into the operation. Drives continuous improvement with a combination of technical skills and implementation ability. Reviews product designs for manufacturability (DFM) and assist in prototype development and costing. Provides costing and quoting information.

Education and/or Experience Bachelor's degree in mechanical or industrial engineering preferred, or equivalent work experience and education. Knowledge of lean principles and experience with Waste Reduction, One Piece Flow, Kaizens, and SMED. Strong organizational skills and ability to manage several projects concurrently. Strong written and oral communication skills. Ability to work in a team environment. Excellent problem solving ability a must.

JOB TITLE: MATERIALS SCIENCE/METALLURGICAL ENGINEERING CO-OP, Summer and Fall of 2012

Fisher Barton Specialty Products Inc. (FBSP) is a rapidly growing manufacturer of heat treated and metal stamped components. Founded in 1972, the Fisher Barton family of companies consists of five corporations working together to provide superior components for such industries as lawn and garden, construction, agriculture, and automotive.

FBSP is located in Watertown, WI (approximately 42 miles northeast of Madison) and is currently looking for a Materials Science/Metallurgical Engineering major to serve as a paid Co-op in the brand new materials lab for the summer and fall of 2012. Tentative start and end dates are June through December, 2012. Prefer individual to have a "Materials Science" background, but would also consider someone with manufacturing engineering experience/education. Will receive on the job training and experience in the following:

- Preparing lab specimens for analysis, including saw cutting, milling, surface grinding, mounting, and polishing.
- Scanning electron microscopy, optical emission spectroscopy, metallography, hardness testing, tensile and fatigue testing, impact toughness, wear resistance and other materials properties.
- Steel heat treat processes and wear coating processes.
- Inspection of raw material during receiving.

- Maintenance and calibration of lab equipment.
- Preparing lab reports.

If interested, please submit your resume with via e-mail to jwidmann@fisherbartonsp.com, fax to 920-206-4160, or mail to: Joan Widmann, Human Resources Manager Fisher Barton Specialty Products Inc. 1040 S. 12th Street Watertown, WI 53094